

GEM Pricer

Estimating program

Software for bidding complete
Fire Protection Sprinkler
contracts.

Price updates daily

- Gem Fabrication's material prices are updated at 6 a.m. daily and can be downloaded into Gem Pricer at any time.



Material is organized by Type, Sub-Type and ID

Mat Type	Description
1	Piping
2	Screwed Fittings

Sub Type	Description
1	Foreign Sch. 40 & Thinwall Pipe
2	Domestic Sch. 40 & Thinwall Pipe
3	CVPC \ Dyna-Thread \ XL \ SuperFlo Pipe
4	Foreign Galv. Sch. 40 & Thinwall Pipe
5	Domestic Galv. Sch. 40 & Galv. Thinwall Pipe
6	User Defined Pipe

ID	Sub Type	Part No	Description	Price	Manual Price
1	1	030031004	1/2 Pipe	\$1.01	N
2	1	030531006	1 in. Pipe	\$1.11	N
3	1	030531007	1 1/4 Pipe	\$1.49	N
4	1	030531008	1 1/2 Pipe	\$1.78	N
5	1	030531009	2 in. Pipe	\$2.41	N
6	1	030531010	2 1/2 Pipe	\$3.46	N
7	1	030531011	3 in. Pipe	\$4.28	N
8	1	030531013	4 in. Pipe	\$6.32	N
9	1	030531015	6 in. Pipe	\$11.07	N

Materials include items that are not provided by Gem Fabrication and can be manually maintained.

The screenshot shows a software window titled "Overhead Price" with a toolbar at the top containing navigation and editing icons. Below the toolbar is a checkbox labeled "See Only Manual Price" and a "Done" button. The main area is divided into three sections:

- Mat Type / Description:** A list with two entries: "1 Piping" and "2 Screwed Fittings".
- Sub Type / Description:** A list with six entries, where the last one is selected: "13 Galv. Forged Steel Ells, Tees, Reducers & Bushings".
- Main Data Table:** A table with columns for ID, Sub Type, Part No, Description, Price, and Manual Price. It contains 14 rows of data for various fittings.

ID	Sub Type	Part No	Description	Price	Manual Price
266	13	0361000607	1/2 GFS Ell	\$0.00	Y
267	13	0361001001	1 in. GFS Ell	\$0.00	Y
268	13	0361001209	1 1/4 GFS Ell	\$0.00	Y
269	13	0361001407	1 1/2 GFS Ell	\$0.00	Y
270	13	0361001605	2 in. GFS Ell	\$0.00	Y
271	13	0361001803	2 1/2 GFS Ell	\$0.00	Y
272	13	0361331309	1 in. GFS Bushing	\$0.00	Y
273	13	0361332000	1 1/4 GFS Bushing	\$0.00	Y
274	13	0361332703	1 1/2 GFS Bushing	\$0.00	Y
275	13	0361333503	2 in. GFS Bushing	\$0.00	Y
276	13	0361334402	2 1/2 GFS Bushing	\$0.00	Y
277	13	0361024607	1/2 GFS Tee	\$0.00	Y
278	13	0361025000	1 in. GFS Tee	\$0.00	Y
279	13	0361025208	1 1/4 GFS Tee	\$0.00	Y

Jobs include accumulations of materials using current prices.

Overhead Material Takeoff Form

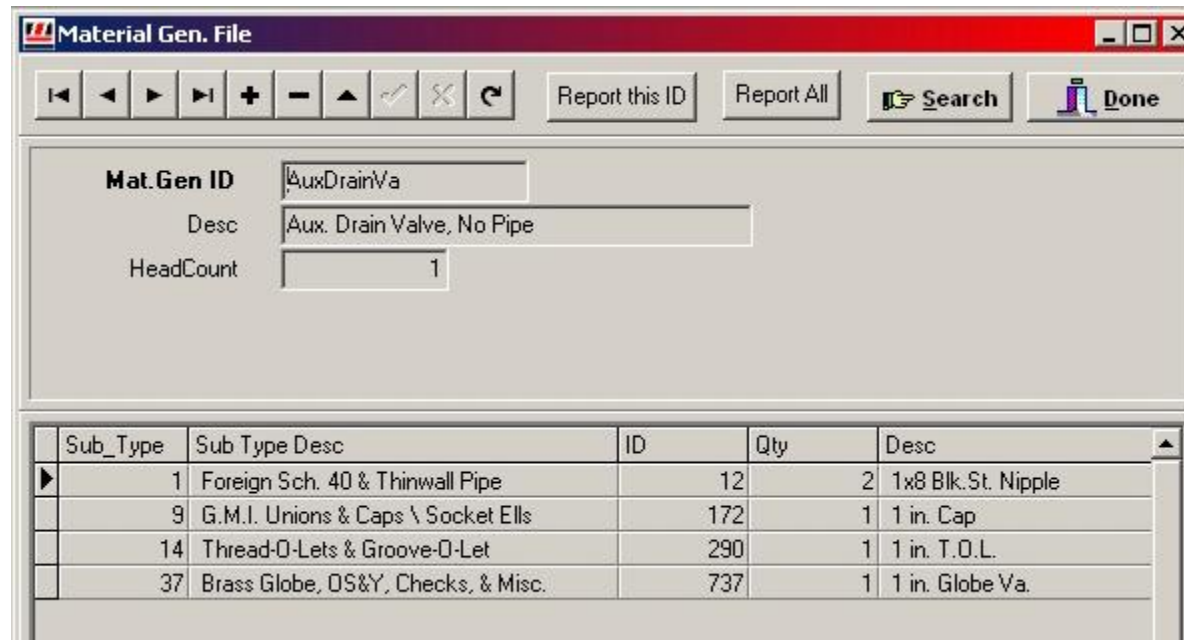
Materials Shop Labor Done

Mat. Gen Combine

Pipe Capacity: 1982.36 gallons

S_Type	Sub_Desc	ID	ID_Desc	Price	Qty
2	Domestic Sch. 40 & Thinwall Pipe	23	1 in. Pipe	\$1.11	63
2	Domestic Sch. 40 & Thinwall Pipe	40	6 in. TW GBE	\$7.40	483
3	CVPC \ Dyna-Thread \ X/L \ SuperFlo Pipe	65	2 1/2 DynaFlo GBE	\$1.79	3,900
8	Class 125 B.C.I. Ells & Tees	140	1 in. Ell	\$1.14	30
8	Class 125 B.C.I. Ells & Tees	162	1 in. Red. Coup.	\$0.94	15
14	Thread-O-Lets & Groove-O-Let	289	3/4 T.O.L.	\$1.37	102
14	Thread-O-Lets & Groove-O-Let	290	1 in. T.O.L.	\$1.99	18
14	Thread-O-Lets & Groove-O-Let	300	2 1/2 G.O.L.	\$4.71	52
14	Thread-O-Lets & Groove-O-Let	1301	3/4 Whse Wld TOL	\$1.37	200
18	Std. Flgs., Red. Flgs., BN&G & Bld. Flgs.	361	6 x 13 1/2 Red. Flg.	\$81.24	1
18	Std. Flgs., Red. Flgs., BN&G & Bld. Flgs.	367	8 in. BN&G	\$9.79	1
21	Std. & FP Type(175#) Grooved Ells & Tees	1236	6 in. Grv. Ell-FP	\$25.37	2
21	Std. & FP Type(175#) Grooved Ells & Tees	1243	2 1/2 Grv. Tee-FP	\$7.34	52
23	Lt/Wt, Std/Wt & FP Type(175#) Grooved Couplings	1253	2 1/2 FP Grv.Coup.	\$4.00	412
23	Lt/Wt, Std/Wt & FP Type(175#) Grooved Couplings	1256	6 in. FP Grv.Coup.	\$11.51	20
28	Grooved Flanges & Caps	1649	2 1/2 FP Cap	\$2.48	52
34	Black Hangers	660	2 1/2 Rod Len. #1	\$1.31	364
34	Black Hangers	681	6" Rod Len. #1	\$3.53	16
34	Black Hangers	685	6" Type B Header	\$34.50	36
46	Sprinkler Heads & Accessories	1376	Ch K-11 ECOH Spr.	\$13.55	18
46	Sprinkler Heads & Accessories	1379	Pendent ESFR-25 Spr.	\$25.37	310

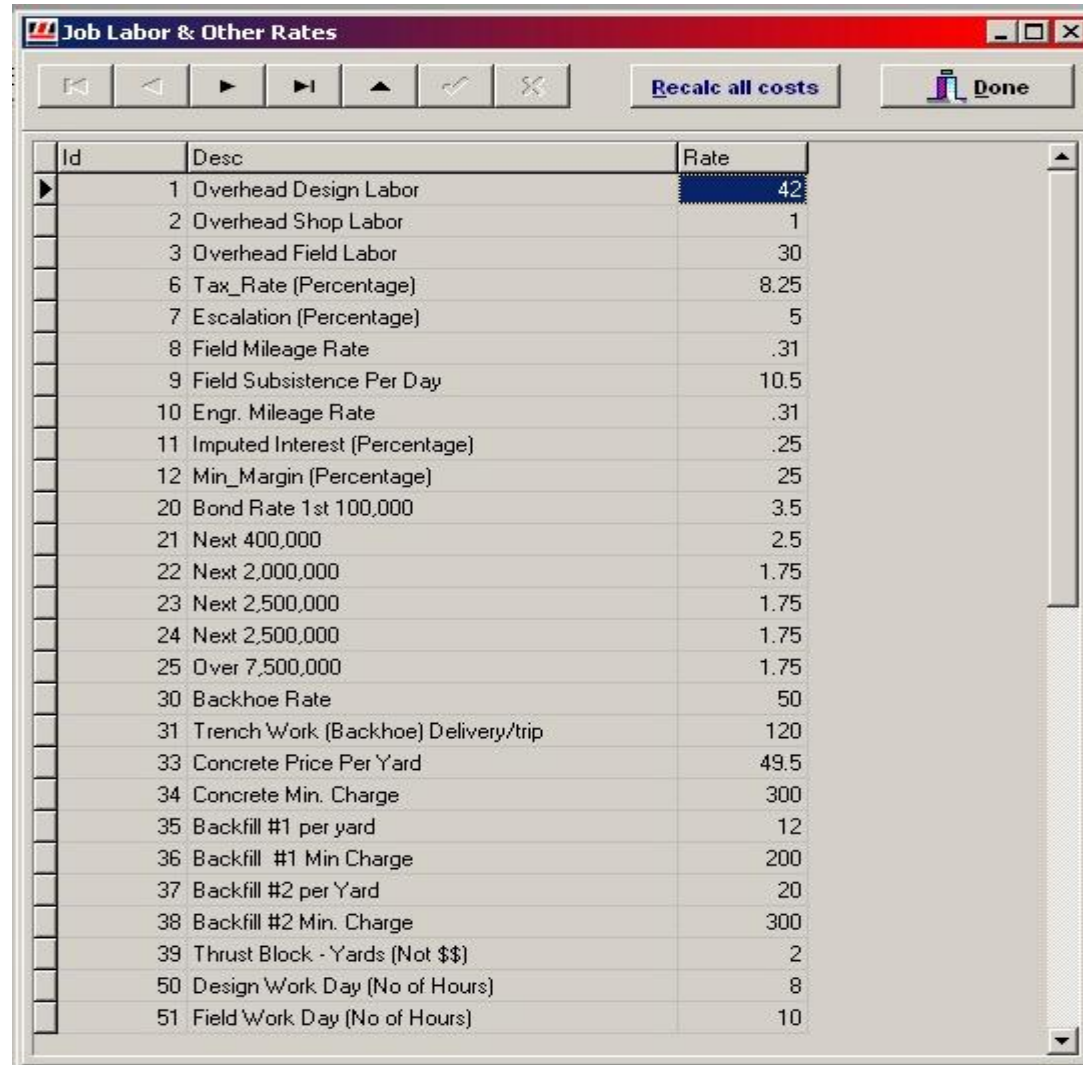
Jobs can also include Combined items that you have created.



All cost aspects included

- Design labor
- Field Labor
- Shop Labor
- Underground Material, Backfill
- Fire Pumps
- Lifts, Painting, Coring, Trench work
- Travel, Taxes, Interest, City Connection

Customized Rates



The screenshot shows a software window titled "Job Labor & Other Rates". The window contains a table with three columns: "Id", "Desc", and "Rate". The table lists various job-related rates, with the first row highlighted. The "Rate" column values range from 1 to 120. The window also features a toolbar with navigation buttons and a "Recalc all costs" button.

Id	Desc	Rate
1	Overhead Design Labor	42
2	Overhead Shop Labor	1
3	Overhead Field Labor	30
6	Tax_Rate (Percentage)	8.25
7	Escalation (Percentage)	5
8	Field Mileage Rate	.31
9	Field Subsistence Per Day	10.5
10	Engr. Mileage Rate	.31
11	Imputed Interest (Percentage)	.25
12	Min_Margin (Percentage)	25
20	Bond Rate 1st 100,000	3.5
21	Next 400,000	2.5
22	Next 2,000,000	1.75
23	Next 2,500,000	1.75
24	Next 2,500,000	1.75
25	Over 7,500,000	1.75
30	Backhoe Rate	50
31	Trench Work (Backhoe) Delivery/trip	120
33	Concrete Price Per Yard	49.5
34	Concrete Min. Charge	300
35	Backfill #1 per yard	12
36	Backfill #1 Min Charge	200
37	Backfill #2 per Yard	20
38	Backfill #2 Min. Charge	300
39	Thrust Block - Yards (Not \$\$)	2
50	Design Work Day (No of Hours)	8
51	Field Work Day (No of Hours)	10

Wizards to speed up entry

- Fire Pumps
- Stand Pipes
- Riser Generation
- Valve pit

Existing job copy

Previous jobs can be copied and modified. If a similar job exists in your job history, just make a copy, modify some parameters, and save hours of work previously done.

Prices are always based on the current prices downloaded or manually inputted.

Various Reports

The screenshot shows a software window titled "Reports" with a red title bar and a close button (X) in the top right corner. The window contains several sections of report options, each enclosed in a light gray border. The options are as follows:

- Cost Tally
- Summary Estimate
- Estimate GuideLine
- Labor Analysis
- Sublet Cost
- Overhead Materials
- Firepump Materials
- Standpipe Materials
- Special Materials
- Factored Quantities
- Underground Materials
- Special Materials
- Job Data File

At the bottom of the window, there are several controls:

- PDF output
- Direct to Printer
- A button with a red checkmark and the text "Select All".
- A button with a red X and the text "Clear selections".
- A button with a printer icon and the text "Exit".
- A button with a plus sign and the text "Produce Reports".
- Text: "Blue = List Cost report"

There are also two buttons with document icons: "Summary Estimate" and "Estimate GuideLine".

Estimate Guideline

PROJ. norandex whse
LOC. conway, sc
Estimator Lynne
JOB DESCRIPTION norandex whse

Market
BLDG AREA 0
Job ID beasley

Date 01/21/08
District
Last Update Date: 1/11/2008 RE
Zero Priced Items: 1
Number of Sprinklers: 1

PENDING	0	INSIDE WORK					UPRIGHT	1
AREA	SPRINKLERS	MATERIAL	LAB hr	ENG hr	LAB \$\$	ENG \$\$	TOTAL	
0	1	\$29,761.95	0	0	\$0.00	\$0.00	\$29,761.95	
Cost/Sq. Ft		\$29,761.95	0.00	0.00	\$0.00	\$0.00		
		Cost per Sprinkler						

STANDPIPE WORK							
SIZE	# VALVES	MATERIAL	LAB hr	ENG hr	LAB \$\$	ENG \$\$	TOTAL
0	0	\$0.00	0	0	\$0.00	\$0.00	\$0.00
		Cost per Station					
		\$0.00	0.00	0.00	\$0.00	\$0.00	

UNDERGROUND							
SIZE	FEET	MATERIAL	LAB hr	ENG hr	LAB \$\$	ENG \$\$	TOTAL
0	0	\$0.00	0	0	\$0.00	\$0.00	\$0.00
		Cost per foot					
		\$0.00	0.00	0.00	\$0.00	\$0.00	

FIRE PUMPS							
SIZE	NUMBER	MATERIAL	LAB hr	ENG hr	LAB \$\$	ENG \$\$	TOTAL
0	0	\$0.00	0	0	\$0.00	\$0.00	\$0.00
		Cost per pump					
		\$0.00	0.00	0.00	\$0.00	\$0.00	

Summary Estimate

PROJ. norandex whse LOC. conway, sc Estimator Lynne JOB DESCRIPTION norandex whse	Market BLDG AREA 0 Job ID beasley	Date 01/21/08 District Last Update Date: 1/11/2008 RE Zero Priced Items: 1 Number of Sprinklers: 1
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DESCRIPTION	TAX	SUBTOTAL	TOTAL	PRICE
Inside Materials	N	\$24,009.58		
Inside Fabrication	N	\$5,752.37	\$29,761.95	
StandPipe Materials	N	\$0.00		
StandPipe Fabrication	N	\$0.00	\$0.00	
Fire Pump Materials	N	\$0.00		
Fire Pump Fabrication	N	\$0.00	\$0.00	
UnderGround Materials	N	\$0.00	\$0.00	
Misc. Materials	N	\$0.00	\$0.00	
Escalation	N	\$1,200.48		\$30,962.43
SUB-CONTRACTS				
Trench Work	N	\$0.00		
Cut/Pitch	N	\$0.00		
Coring	N	\$0.00		
LiftRent	N	\$0.00		
Painting	N	\$0.00		
Electric	N	\$0.00		
			\$0.00	\$0.00
OTHER COSTS				
Fire Pumps	N	\$0.00		
Hose Equipment	N	\$0.00		
Permit	N	\$0.00		
City Connect	N	\$0.00		
Bond	N	\$0.00		
			\$0.00	\$0.00
Freight	N	\$0.00		\$0.00
Bond	N	\$0.00		\$0.00
LABOR HOURS	0	LABOR RATE \$30.00	LABOR COST	\$0.00
SUBSISTENCE				\$0.00
DESIGN HOURS	0	DESIGN RATE \$42.00	DESIGN COST	\$0.00
DESIGN EXPENSE				\$0.00
TAXES	\$0.00	IMPUTED INTEREST	\$50.82	
TRAVEL	\$0.00	TAX RATE(%)	8.25	
Tax Total Contract N				
TOTAL DISTRICT COST				\$31,013.00
GROSS MARGIN @ 25.00 %				\$10,338.00
PRICE INCLUDING O.H. & PROFIT %				\$41,351.00
TOTAL QUOTED PRICE				\$41,351.00

Export / Import

Job data and Material Generation data can be exported and then shared with others in the company allowing everyone to benefit from previously defined work and shorten estimating time.